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[PDF] A **handwriting**-based equation editor[psu.edu](#) [PDF]

S Smithies, K Novins, J Arvo - Graphics Interface, 1999 - Citeseer

... line character recogni- tion software and a graph grammar to generate an internal parse **tree** of the ... Resolving am- biguities in the **input** often requires the use of high-level context [16]. ... For this reason, an essential part of any **handwriting**-based equation editor is a facility for easy ...

[Cited by 57](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 15 versions](#)Multiple classifier systems

J Kittler, F Roli - Soft computing approach to pattern recognition ..., 2002 - books.google.com

... CY (1992)" Methods of combining multiple classifiers and their applications to **handwriting** recognition", IEEE Trans ... of characters by a multi-stage recognition process", Pattern Recognition, 27, 1539 ... 2 Building Decision **Trees** from the Fourier Spectrum of a **Tree** Ensemble Hillol ...

[Cited by 64](#) - [Related articles](#) - [All 2 versions](#)[PDF] **Recognition** of mathematics notation via computer using baseline structure[psu.edu](#) [PDF]

R Zanibbi - Aug, 2000 - Citeseer

... In this case a valid syntactic representation is considered to be a **tree** which may be translated ... 18 Review of Mathematics Notation Recognition ... projections are used in conjunction with a more complicated analysis of spatial relationships between **handwritten** symbols created ...

[Cited by 22](#) - [Related articles](#) - [View as HTML](#) - [All 17 versions](#)A metric between unrooted and unordered **trees** and its bottom-up computing ...

..., D Nahamoo, KS Nathan, H Murase, ... - Artificial ..., 1991 - doi.ieeecomputersociety.org

... [7] T. Fujisaki, K. Nathan, W. Cho and H. Beigi, "On-Line Unconstrained Hand-writing Recognition by a Probabilistic Method," in Proc. 3rd Intl. Workshop on Frontiers in **Handwriting** Recognition, Buffalo, NY, pp. ... [Algorithm **Tree**-distance] **Input**: Ta and Tb, **Output**: D(Ta ...

[Cited by 17](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)[PDF] Thin junction **trees**[psu.edu](#) [PDF]

FR Bach, MI Jordan - Advances in Neural Information Processing ..., 2002 - Citeseer

... We illustrate this capability in a study of **handwritten** digit recognition in Section 4.2, where we

compare ... We assume an **input** space with \tilde{A} variables and a target probability distribution \tilde{O} ...
triangulation methods [11] that allow us to guarantee the existence of a junction **tree** with a ...

[Cited by 60](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 19 versions](#)

Multiclassifier systems: Back to the future

[psu.edu](#) [PDF]

J Ghosh - Lecture notes in computer science, 2002 - Springer

... real data sets: (i) PENDIG from the UCI ML repository, is for pen-based recognition of **handwritten** digits from ... In the 70's and 80's, there were some works in the pattern recognition community that used multiclassifiers arranged in tandem or as a **tree**-structured hierarchy ...

[Cited by 75](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

[PDF] A discrete parameter HMM approach to on-line **handwriting recognition**

[umassd.edu](#) [PDF]

... , JR Bellegarda, D Nahamoo, KS Nathan - IEEE ..., 1995 - ece.umassd.edu

... This approach is therefore analogous to a strategy commonly used in speech recognition, with the above elementary **handwriting** unit playing the role ... To pursue the analogy further, the clustering **tree** then embodies the equivalent of the phonological rules used in speech ...

[Cited by 7](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

... method and hybrid **tree** classification for **handwritten** numeral recognition

Z Ping, C Lihui - Pattern Recognition Letters, 2002 - Elsevier

... A novel feature extraction method and hybrid **tree** classification for **handwritten** numeral recognition. Zhang ... Keywords: **Handwritten** numeral recognition; Feature extraction; Decision **tree** classifier; Neural networks. Article Outline. 1 ...

[Cited by 16](#) - [Related articles](#) - [All 4 versions](#)

Competitive neural **trees** for pattern classification

[psu.edu](#) [PDF]

S Behnke, NB Karayiannis - ... on Neural Networks, 1998 - doi.ieeecomputersociety.org

... This is accomplished by a **tree** pruning algorithm. Guo and Gelfand evaluated their **tree** structure and compared it with the CART method on waveform recognition and a **handwritten** character recognition problem. ...

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Method and apparatus for similarity matching of **handwritten** data objects

D Barbara, I Kamel - US Patent 5,710,916, 1998 - Google Patents

... EXTRACT FEATURES FROM **HANDWRITTEN** OBJECTS ASSOCIATE A KEY WITH EACH LEVEL OF THE **TREE** ASSOCIATE EACH STRING WITH ONE OF THE LEAVES I — 704 706 -708 710 PROVIDE AN **INPUT** SEQUENCE AND A DISTANCE QUERY THE **TREE** TO FIND ...

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